



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# THE AUK

A Quarterly Journal of Ornithology

ORGAN OF THE AMERICAN ORNITHOLOGISTS' UNION

Edited by Dr. Witmer Stone

ACADEMY OF NATURAL SCIENCES, LOGAN CIRCLE,  
PHILADELPHIA, PA.

To whom all articles and communications intended for publication and all books and publications for review should be sent.

Manuscripts for leading articles must await their turn for publication if others are already on file, but they must be in the editor's hands at least six weeks before the date of issue of the number for which they are intended, and manuscripts for 'General Notes,' 'Recent Literature,' etc., not later than the first of the month preceding the date of issue of the number in which it is desired they shall appear.

Twenty-five copies of leading articles are furnished to authors free of charge. Additional copies or reprints from 'General Notes,' 'Correspondence,' etc., must be ordered from the editor.

## THE OFFICE OF PUBLICATION

8 WEST KING STREET, LANCASTER, PA.

Subscriptions may also be sent to the Editor, ACADEMY OF NATURAL SCIENCES, Logan Circle, Philadelphia. Foreign Subscribers may secure 'The Auk' through Witherby & Co., 326 High Holborn, London, W. C.

Subscription, \$4.00 a year. Single numbers, one dollar.

Free to Honorary Fellows, and to Fellows, Members, and Associates of the A. O. U., not in arrears for dues.

---

## OFFICERS OF THE AMERICAN ORNITHOLOGISTS' UNION

*President*, WITMER STONE, Academy of Natural Sciences, Philadelphia.

*Vice Presidents*, GEORGE BIRD GRINNELL, 238 E. 15th St., New York.  
JONATHAN DWIGHT, 43 W. 70th St., New York.

*Secretary*, T. S. PALMER, 1939 Biltmore St., Washington, D. C.

*Treasurer*, W. L. MCATEE, U. S. Biological Survey, Washington, D. C.

---

## SEPARATES FOR SALE

In order to meet a general demand for separates of the leading articles published in 'The Auk' arrangements have been made to furnish copies of any leading article beginning with the April 1920 issue at 25 cents each, post paid.

Orders for these separates should be addressed to the editor:

DR. WITMER STONE,  
ACADEMY OF NATURAL SCIENCES,  
LOGAN CIRCLE, PHILADELPHIA, PA

PUBLICATIONS OF THE

# American Ornithologists' Union

FOR SALE AT THE FOLLOWING PRICES:

**The Auk.** Complete set, Volumes I-XXXVII, (1884-1920) in original covers, \$200.00. Volumes I-VI are sold only with complete sets, other volumes, \$4.00 each; \$1.00 for single numbers.

**Index to The Auk** (Vols. I-XVII, 1884-1900) and Bulletin of the Nuttall Ornithological Club (Vols. I-VIII, 1876-1883), 8vo, pp. vii + 426, 1908. Paper, \$3.25.

**Index to The Auk.** (Vols. XVIII-XXVII, 1901-1910), 8vo, pp. xviii + 250, 1915. Paper, \$2.00.

**Check-List of North American Birds.** Second edition, revised, 1895. Cloth, 8vo, pp. xi + 372. \$1.15. Original edition 1886, and third edition, 1910, out of print.

**Abridged Check-List of North American Birds.** 1889. (*Abridged and revised from the original edition*). Paper, 8vo, pp. 71, printed on one side of the page. 25 cents.

**Pocket Check-List of North American Birds.** (*Abridged from the third edition*). Flexible cover,  $3\frac{1}{4} \times 5\frac{3}{4}$  inches. 30 cents. Ten copies \$2.50.

**Code of Nomenclature.** Revised edition, 1908. Paper, 8vo, pp. lxxxv. 50 cents.

Original edition, 1892. Paper, 8vo, pp. iv + 72. 25 cents.

---

**A. O. U. Official Badge.** An attractive gold and blue enamel pin, with Auk design, for use at meetings or on other occasions. Post-paid, 50 cents.

Address AMERICAN ORNITHOLOGISTS' UNION

Care of Academy of Natural Sciences, Logan Circle,  
Philadelphia, Pa.